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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,883	02/27/2002	Kari-Pekka Wilska	297-005893-US (C02)	1197
2512	7590	05/22/2007	EXAMINER	
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			DOAN, PHUOC HUU	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			05/22/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/085,883	<b>Applicant(s)</b> WILSKA ET AL.	
	<b>Examiner</b> PHUOC H. DOAN	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 10-14, 16-20 and 22-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-14, 16-20 and 22-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 10-14, 16-20, and 22-26 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 112***

2. Claim 10 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

*Claim 10, the currently amended such as "a circuit card, having the physical dimensions corresponding substantially with those of a standard PCMCIA circuit card, said circuit card adapted to be received". In considered the all limitation in body of claim invention that was not supported by original specification. Appropriate correction is required.*

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims **10-14, 16-20, and 22-26** are rejected under 35 U.S.C. 103(a) as being unpatentable over Aoki in view of **Parulski (US Patent No: 5,475,441)**.

**As to claim 10**, Aoki teaches that a device for collecting data in the form of images in association with a host computer (col. 2 through col. 3, lines 66-3, col. 6, lines 5-15), said device comprising: a circuit card (Fig. 1, items 1, 3), constructed to be receive in a card slot of host computer (Fig. 1, items 23, 1, col. 2, lines 65-68), said image data for use by said host computer “col. 6, lines 1-18” for personal communication (col. 2, lines 50-68), data collection, and data processing, said circuit card further comprising: optics built in said circuit card for obtaining image information (col. 3, lines 44-55); an image sensor in said circuit card for obtaining image information (col. 3, lines 50-61); an image processor in said circuit card (col. 3, lines 44-61, and col. 4, lines 31-53); a memory unit in said image processor for storing obtained image information (col. 4, lines 21-53); and a processor unit in said image processor for processing obtained image information (col. 4, lines 31-

45). However, Aoki does not disclose that having the physical dimensions corresponding substantially with those of a standard PCMCIA circuit card.

In the same field of invention, Parulski discloses that having the physical dimensions corresponding substantially with those of a standard PCMCIA circuit card (col. 4, lines 1-4). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the physical dimensions corresponding substantially with those of a standard PCMCIA circuit card taught by Parulski to the system of Aoki in order to transferring image data to a personal computer.

**As to claim 11**, Aoki further teaches that wherein said memory unit comprises at least volatile and non-volatile memory (col. 3, lines 55-61).

**As to claim 12**, Aoki further teaches further comprising a power supply for providing power to maintain said obtained image information in said memory unit (col. 4, lines 3-30).

**As to claim 13**, Aoki further teaches that wherein said image sensor is a semiconductor camera (col. 2 through col. 3, lines 65-61).

**As to claim 14**, the claim is rejected for the same reason as set forth in claim 1.

**As to claim 16**, Aoki further teaches that further comprising means for performing a character recognition task on image information obtained by said image sensor for generation a set of recognized characters (col. 3, lines 34-61).

**As to claim 17**, Aoki further teaches that wherein said means for performing a character recognition task comprises a software program stored in the memory unit of the circuit card (col. 5, lines 19-47).

**As to claim 18**, Aoki teaches that further comprising means for performing a pattern recognition task on a graphical object in said image information obtained by said image sensor (col. 4, lines 21-53, and col. 5, lines 19-47).

**As to claim 19**, the claim is rejected for the same reason as set forth in claim 17.

**As to claim 20**, the claim is rejected for the same reason as set forth in claim 10.

**As to claim 22**, the claim is rejected for the same reason as set forth in claim 16.

**As to claim 23**, the claim is rejected for the same reason as set forth in claim 17.

**As to claim 24**, the claim is rejected for the same reason as set forth in claim 18.

As to claim 25, the claim is rejected for the same reason as set forth in claim 17.

As to claim 26, the claim is rejected for the same reason as set forth in claim 10.

### *Conclusion*

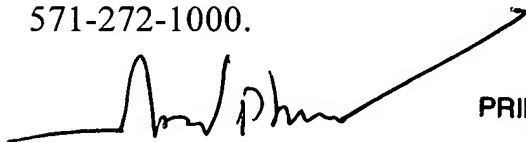
5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC H. DOAN whose telephone number is 571-272-7920. The examiner can normally be reached on 9:30 AM - 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOSEPH FEILD can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Phuoc Doan  
05/12/07

JEAN GELIN  
PRIMARY EXAMINER

